

CHAMPION OEM SPECIFIC

85W90 M GL 5

This is a heavy duty gear lubricant formulated with high performance base oils and an advanced additive package. Specifically selected additives impart good anti-scuffing, oxidation stability, anti-foam and anti-rust characteristics during prolonged operation under heavy load and high temperature conditions.

APPLICATIONS

This transmission oil is engineered for mechanical transmissions of all types of passenger cars, heavy duty commercial vehicles, axles and final drives where extreme pressures and shock loading are expected. This oil is specifically blended to meet the demanding OEM requirements of Mercedes Benz and ZF.

FEATURES

Frictional properties: very smooth gear shifting, no vibration
 Anti-wear protection: significantly extended transmission life
 Extended oil life: excellent thermal and oxidation stability

SPECIFICATIONS

API	GL-5	VOLVO	97310
MIL	L-2105 C	VOLVO	97316
MIL	L-2105 D	ZF	TE-ML 05A
DAF	GL-5/MIL-L 2105D	ZF	TE-ML 07A
DTFR	12B100	ZF	TE-ML 12E
JD	J11 E	ZF	TE-ML 16B
MAN	342 M-1	ZF	TE-ML 16C
MAN	342 M-2	ZF	TE-ML 16D
MB	approval 235.0	ZF	TE-ML 17B
RENAULT	Recom. GL-5	ZF	TE-ML 19B
VOITH	3.325-339	ZF	TE-ML 21A

TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.905
Kinematic viscosity at 40°C	ASTM D445	mm ² /s	196
Kinematic viscosity at 100°C	ASTM D445	mm ² /s	17.1
Viscosity index	ASTM D2270		97
Pour point	ASTM D6892	°C	-30
Flash Point COC	ASTM D92	°C	216

We reserve the right to alter the general characteristics of our products in order to let our customers benefit of the latest technical evolutions.

CHAMPION CHEMICALS NV

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